

ABSTRACT

A portable hand-held multiple bit drill imparts a set of linearly aligned work areas of a work piece, which work areas 5 are respectively and simultaneously drilled by the respective drill bits. A rotary power source communicates with a hand-held body holding a plurality of chucks. Each pair of adjacent chucks having a uniform pre-set spacing apart from each other. The drill chucks holding the drill bits are rotated by respective linearly 10 aligned drive gears, which are rigidly attached to respective shafts driving each respective chuck of the plurality of chucks. The drive gears are rotated by a centrally located central gear, which is attached to a central drive shaft emerging from the hand held housing. The central gear is driven by the power source and 15 each drive gear is a meshed idler gear, which reverses direction, such that all the drive gears are rotated in a same, pre-determined direction.

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